

## **Attachment 1. Authorization and Eligibility Requirements.**

**The applicant must provide a written statement (and additional information if noted) containing the appropriate information outlined below:**

### **Non-Profit Organizations**

1. Is the applicant a non-profit organization as defined in Appendix B of the 2012 Guidelines? Please explain.
2. Does the applicant have legal authority to enter into a grant agreement with the State of California?
3. Describe any legal agreements among partner agencies and/or organizations that ensure performance of the Proposal and tracking of funds.
4. Include a copy of the certificate of incorporation for the organization.

1. The applicant, Sequoia Riverlands Trust, is a non-profit organization in accordance with the State of California's DWR Guidelines. Appendix B of the guidelines defines a Non-profit organization as "any non-profit corporation qualified to do business in California and qualified under Section 501(c)(3) of the Internal Revenue Code." The Sequoia Riverlands Trust, a federally registered 501 (c) 3 corporation, meets these requirements and thus is an eligible applicant as set forth in the Project Solicitation Proposal.

2. The Sequoia Riverlands Trust does have the authority to enter into an agreement with the State of California.

3. See Attachment 1.c. for a list of Grants Sequoia Riverlands Trust has been awarded.

4. See Attachment 1.a. for the incorporation documentation of the Sequoia Riverlands Trust.

### **GWMP Compliance**

None of the project proponents are Urban Water Suppliers and there is no groundwater management plan in the region.

**Table 17. IRWM Plan Standards**

| <b>Table 1 – IRWM Plan Standards Questionnaire</b> |   |   |
|--|---|---|
| <b>Standard</b>                                    | <b>Specific Standard Questions</b>  | <b>Status/Response</b>  |
| Governance   | Will the governance structure need to be altered in the Updated IRWM Plan in order to ensure that balanced access and opportunity for participation in the IRWM effort is provided? | No  |
| Region Description                                 | Has the regional description changed significantly from the current IRWM Plan?  | No  |
| Objectives   | Will your objectives change from those in the current IRWM Plan? If so, how?  | No  |
| Resource Management Strategies                     | Will the Updated IRWM Plan consider the resource management strategies from the California Water Plan, Update 2009?   | Yes, See attached IRWM Plan.  |
| Integration  | Will the process used in the Updated IRWM Plan allow, encourage, and actively pursue integration in both the planning process and project formulation and implementation?           | Yes   |
| Project Review Process                             | Will the project review process consider climate change vulnerabilities and greenhouse gas emissions (for both construction and operation)?   | Yes, stated in the IRWM Plan Ch. 8.   |
| Technical Analysis                                 | Have any data gaps been identified and how will the Updated IRWM Plan help fill the gaps?   | See Attachment 1.b.   |
| Relation to Local Water Use Planning               | Will changes to the existing IRWM Plan be needed in order to improve coordination with local water use planning efforts?  | No  |
| Relation to Local Land Use Planning                | Will changes to the existing IRWM Plan be needed in order to improve coordination with land use planning efforts?   | No  |
| Stakeholder Involvement                            | Will changes or improvements to the stakeholder involvement process be needed to ensure effective stakeholder participation?  | No. However, outreach is ongoing, including additional stakeholders and participants. |

|                |   |  |
|----------------|---|--|
| Coordination   | Has the RWMG identified a need for changes/improvements to the ongoing coordination efforts?  | No                                     |
| Climate Change | Will the Updated IRWM Plan contain:   | Yes                                    |
|                | <ul style="list-style-type: none"> <li>• A climate change vulnerability assessment of the IRWM region that is at least equivalent to the qualitative check list assessment in the Climate Change Handbook for Regional Water Planning (Handbook) ?</li> </ul> |  |
|                | <ul style="list-style-type: none"> <li>• A list of prioritized vulnerabilities derived from the vulnerability assessment and the IRWM's decision making process?</li> </ul>   |  |
|                | <ul style="list-style-type: none"> <li>• A plan, program, or methodology for further data gathering/analyzing of the prioritized vulnerabilities?</li> </ul>  | Yes, see Chapter 11 of the SSIRWM Plan |

**State of California**  
**Secretary of State**

**CERTIFICATE OF STATUS  
DOMESTIC CORPORATION**

I, DEBRA BOWEN, Secretary of State of the State of California, hereby certify:

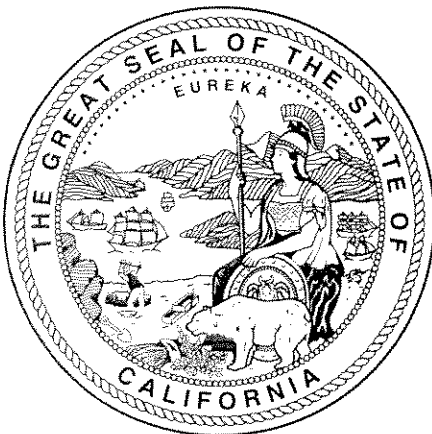
That on the **17th day of June, 1993, SEQUOIA RIVERLANDS TRUST** became incorporated under the laws of the State of California by filing its Articles of Incorporation in this office; and

That said corporation's corporate powers, rights and privileges are not suspended on the records of this office; and

That according to the records of this office, the said corporation is authorized to exercise all its corporate powers, rights and privileges and is in good legal standing in the State of California; and

That no information is available in this office on the financial condition, business activity or practices of this corporation.

**IN WITNESS WHEREOF**, I execute  
this certificate and affix the Great Seal  
of the State of California this day of  
July 16, 2007.



*Debra Bowen*

**DEBRA BOWEN**  
Secretary of State

## Attachment 1.b Data Gaps identified in the SSIRWM Plan

The SSRWMG addressed technical data sources and data gaps in the IRWMP. These included an evaluation of the technical information, methods, and analyses used to understand the water management needs of the SSIRWM Region over the 20-year planning horizon. Technical information was presented that is: 1) regional in nature; and 2) necessary for the development, improvement, or enhancement of the IRWMP. A brief description of the technical information sources and/or data sets used to develop the water management needs and the adequacy of the technical information and how such studies, models, or technical methodologies aid the understanding of the region's water management picture.

Stakeholders have identified a critical need for studies to increase understanding of the hydrologic capacity of the region. Appropriate water management strategies (and associated land and resource management policies) are challenging and prone to error if they are developed in the absence of this information. The California Water Plan has little useful data for the foothill/mountain portion of the Tulare Lake region. There is no groundwater management plan for the Region, mostly because the funding for accomplishing such (AB3030) plans was focused on groundwater basins and the region's groundwater is almost entirely stored in hard rock fractures.

Here are at least three existing or potential efforts within the region to collect data and develop tools for regional analysis. These include:

- **The Forest Service's 'Cumulative Watershed Effects' (CWE) analysis database,** which lists existing projects on Forest Service land and their individual impacts on the watershed. When a new project is proposed, the cumulative effects of the proposed project on top of the existing project impacts can be analyzed according to a specific type of 'risk' model. The Forest Service model is set up in specific ways that may not be appropriate for some other agencies or other applications. However, the database of projects and impacts will at least be useful for other environmental impact analyses that will take place within the region. There may be other CWE models in the region which can add to the database of existing projects and impacts.
- **The SSCC Climate Change Information Clearinghouse.** The Southern Sierra Conservation Cooperative is a collaborative group consisting of federal land management entities within the region, led by Sequoia/Kings Canyon National Park. The SSCC has a grant to create an information clearinghouse for the South Sierra region with a focus on climate change impacts and mitigation. The goal is for these agencies to be able to make better land use decisions to respond to climate change challenges, including increased risk of fire, modification of habitat, etc. The funding

SSCC has obtained is only sufficient to conduct an assessment of potential users and to propose a design for the system. Additional funding will be needed to implement this project. Also, much of the information in this system will be confidential and not available to those outside of federal agencies. A working version of the 'Conceptual Proposal to Establish a Southern Sierra Conservation Cooperative to Collaboratively Adapt to Accelerated and Unprecedented Climate Change' is attached (see Attachment 4). The SSIRWMP will continue to coordinate with this effort to assure consistency and best use of resources.

- **National Science Foundation's Southern Sierra Critical Zone Observatory based out of UC Merced.** The Southern Sierra CZO is a community platform for research on critical-zone processes across the rain-snow transition in the mixed-conifer forest of the Southern Sierra Nevada. While this elevation range has characteristically rapid seasonal changes, going from snow cover to wet soil to dry soil over a 1-2 month period, climate warming will shift this transition period earlier or eliminate it entirely at the current transitional elevation. The characteristic spatial differences along gradients offer the opportunity to substitute space for time, making the CZO an excellent natural laboratory for studying how critical zone processes respond to perturbations, and particularly how the water cycle drives critical zone processes. This project includes a digital library for .tsv files, including metadata. A relational database interface is under development.

The survey implemented by the Planning Committee identified the need for some tool which would streamline the complex analysis involved in determining cumulative effects and/or changing conditions. Ideally this tool would integrate GIS capabilities. All of the projects listed above provide elements that would be useful in such a system, but neither are appropriate for use by the general public. The creation of such a data management tool will be a complex task and will require both resources and time that exceed the IRWM Planning process. However it would be valuable to take the first steps toward development of such a tool. These first phase tasks will include an assessment of potential users including such questions as:

- What data will be useful for them to have;
- Who will use it (what positions in the organization);
- What are their skill sets;
- What questions would they ask;
- What is the current format of the data and what would it take to put it in electronic/GIS format;
- What kind of decisions do these potential users make now and what information do they use to make it?

Based on this assessment, a scope of work for the design and implementation of such as system can be developed. This assessment and design/scope will make it possible for the South Sierra IRWM to seek additional funding to make this planning tool a reality. Such a tool will provide an important continuing resource to assist integrated regional planning efforts in the future.

This information is summarized in the data management plan below.

**Table 18. Data Management Plan**

| Description  | Lead Roles and Responsibilities   | Time Frame  | Status      |
|--|---|-------------|-------------|
| <b>Data Management</b>   |   |             |             |
| 1. Develop and Implement Regional Data Management System             | RWMG, stakeholders  | Mid-term    | Future task |
| 2. Expand Regional Data Management System and create data portal     | RWMG, stakeholders  | Near term   | On-going    |
| 3. Continue and update website                                       | SRT/RWMG  | Immediately | On-going    |
| 4. Continue to gather plans and studies                              | RWMG  | Mid-term    | On-going    |
|  |   |             |             |
| <b>Monitoring, Measuring Plan Performance</b>                        |   |             |             |
| Fishery monitoring program   | DFG, USFS, NPS, Watershed Coordinators  | Near term   | On-going.   |
| Water Quality Monitoring.  | DFG, USFS, NPS, Watershed Coordinators, local districts, Sierra RCD, landowners | Near term   | On-going.   |
| Water quantity data – surface and groundwater                        | Three Rivers CSD, Sierra RCD, Watershed coordinator, USFS                       | Near term   | On-going.   |
| Conduct data network evaluation and develop regional monitoring plan | RWMG, stakeholders  | Mid term    | Future task |
| Water issues and projects report                                     | RWMG, stakeholders  | Mid term    | Future task |

EXHIBIT A  
SEQUOIA RIVERLANDS TRUST -- GRANTS AND CONTRACTS OVER \$50,000 DURING LAST TEN YEARS

| FUNDING SOURCE                                 | AMOUNT<br>AWARDED | AMOUNT<br>REIMBURSED | DURATION OF<br>GRANT | NO. OF<br>CONTRACTORS | DELIVERABLES   |
|--|-------------------|----------------------|----------------------|-----------------------|--|
| <u>AGENCIES</u><br>California Resources Agency | \$315,650         | \$315,650            | 3 yrs                | 15                    | design and construct visitor amenities; number of contractors does not include subs working under general contractor |
| California Resources Agency                    | \$127,000         | \$127,000            | 1.5 yrs              | 2                     | acquire conservation easement  |
| California Resources Agency                    | \$96,000          | \$96,000             | 3 yrs                | 4                     | restore habitat  |
| California Resources Agency                    | \$1,000,000       | \$1,000,000          | 1.5 yrs              | 3                     | acquire land   |
| California Resources Agency                    | \$173,000         | \$173,000            | 1.5 yrs              | 4                     | acquire conservation easement  |
| California Resources Agency                    | \$2,877,500       | \$2,877,500          | 1.5 yrs              | 3                     | acquire conservation easement  |
| California Resources Agency                    | \$1,208,185       | \$1,208,185          | 1.5 yrs              | 3                     | acquire conservation easement  |
| California Resources Agency                    | \$448,500         | \$448,500            | 1.5 yrs              | 3                     | acquire conservation easement  |
| California Resources Agency                    | \$109,289         | \$109,289            | 1.5 yrs              | 3                     | strategic farmland protection plan - 1 co.   |
| California Resources Agency                    | \$99,926          | \$99,926             | 1.5 yrs              | 2                     | strategic farmland protection plan - 3 cos.  |
| California Resources Agency                    | \$50,000          | \$50,000             | 1 yr                 | 2                     | convene stakeholders for IRWMP   |
| California Resources Agency                    | \$50,000          | \$50,000             | 1 yr                 | 3                     | prep grant proposal for IRWMP  |
| California Resources Agency                    | \$198,500         | just started         | 2 yrs                | 5                     | appraisals, biological surveys and other pre-acquisition work  |
| City of Porterville                            | \$61,685          | \$61,685             | 2 yrs                | 3                     | contract to maintain VELB mitigation site  |
| Tulare County                                  | \$618,000         | \$618,000            | 1 yr                 | 4                     | acquire conservation easements, endow future stewardship   |
| USDA-NRCS Wetland Reserve Program              | \$54,076          | \$54,076             | 10 yrs               | 4                     | restore habitat  |
| USDA-NRCS WHIP program                         | \$99,739          | \$99,739             | 9 yrs                | 4                     | restore habitat  |
| USDA-NRCS Farmland Protection Program          | \$1,173,185       | \$1,173,185          | 1.5 yrs              | 3                     | acquire conservation easement  |
| USDA-NRCS Farmland Protection Program          | \$420,500         | \$420,500            | 1.5 yrs              | 3                     | acquire conservation easement  |
| USDI Bureau of Reclamation                     | \$565,000         | \$565,000            | 1.5 yrs              | 3                     | acquire land   |
| USDI Bureau of Reclamation                     | \$284,522         | \$284,522            | 5 yrs                | 6                     | restore habitat, monitor results   |
| USDI Bureau of Reclamation                     | \$414,000         | \$414,000            | 1.5 yrs              | 2                     | acquire land   |

continued on next page ...



| FUNDING SOURCE                        | AMOUNT AWARDED | AMOUNT REIMBURSED | DURATION OF GRANT | NO. OF CONTRACTORS | DELIVERABLES   |
|---------------------------------------|----------------|-------------------|-------------------|--------------------|--|
| PRIVATE FOUNDATIONS AND ORGANIZATIONS |                |                   |                   |                    |  |
| David & Lucile Packard Foundation     | \$130,000      | \$130,000         | 2 yrs             | 2                  | acquire conservation easement  |
| National Fish & Wildlife Foundation   | \$103,000      | \$103,000         | 1.5 yrs           | 2                  | acquire conservation easement  |
| National Fish & Wildlife Foundation   | \$75,000       | just started      | 1.5 yrs           | 3                  | local implementation of yellow star thistle leading edge initiative                |
| Residential developer in Kern County  | \$250,000      | \$250,000         | 1 yr              |                    | farmland program start-up, queue up first easement for acquisition                 |
| Resources Legacy Fund                 | \$600,000      | \$600,000         | 2 yrs             | 5                  | strategic plan, professional development, hire executive director and other staff  |
| Resources Legacy Fund                 | \$200,000      | \$200,000         | 3 yrs             | 4                  | restoration plan and field work to restore aggregate mine                          |
| Resources Legacy Fund                 | \$250,000      | \$250,000         | 2 yrs             | 3                  | acquire conservation easement  |
| Resources Legacy Fund                 | \$300,000      | \$300,000         | 2 yrs             | 2                  | acquire lands and easements  |
| Resources Legacy Fund                 | \$3,248,000    | \$3,248,000       | 1 yr              | 2                  | acquire land   |
| Resources Legacy Fund                 | \$1,000,000    | \$1,000,000       | 2.5 yrs           | 3                  | acquire land   |
| Resources Legacy Fund                 | \$152,000      | \$152,000         | 1.5 yrs           | 2                  | acquire land and convey to USFWS   |
| Resources Legacy Fund                 | \$850,000      | \$850,000         | 2 yrs             | 3                  | add Associate Director, maintain several positions, endow stewardship              |
| Resources Legacy Fund                 | \$56,000       | \$56,000          | 1 yr              | 2                  | implement strategic conservation plan (with Southern Sierra Partnership)           |
| The Nature Conservancy                | \$58,240       | \$58,240          | 1 yr              | 2                  | strategic conservation plan  |
| The Nature Conservancy                | \$94,838       | \$94,838          | 2 yrs             | 3                  | land protection outreach and coordination  |
| The Nature Conservancy                | \$925,000      | \$925,000         | 1.5 yrs           | 2                  | acquire land   |
| The Nature Conservancy                | \$131,500      | \$131,500         | 1.5 yrs           | 2                  | acquire land, develop stewardship protocols  |
| Sierra Business Council               | \$500,000      | \$500,000         | 1.5 yrs           | 2                  | acquire land   |
| Southern California Edison            | \$50,000       | \$50,000          | 1 yr              | 5                  | construct visitor amenities and install caretaker quarters at Kaweah Oaks Preserve |
| Southern California Edison            | \$90,000       | \$90,000          | 1 yr              | 2                  | regional conservation collaboration  |
| Southern California Edison            | \$100,000      | \$100,000         | 1 yr              | 2                  | regional conservation collaboration  |
| Southern California Edison            | \$100,000      | \$100,000         | 1 yr              | 2                  | regional conservation collaboration  |



**Resolution by the Sequoia Riverlands Trust Board of Directors**


Resolution Dated: March 21, 2013

Subject: Authorization to Apply for a Proposition 84 Implementation Grant from the California Department of Water Resources (DWR) Integrated Regional Water Management Program on behalf of the Southern Sierra Integrated Regional Water Management Region (SSIRWM)

The following RESOLUTION was duly passed and adopted by the Board of Directors of Sequoia Riverlands Trust at the March 21, 2013 Board meeting, or via e-mail vote by that date. Votes were cast as follows:

|              |           |
|--------------|-----------|
| Ayes:        | <u>11</u> |
| Noes:        | <u>0</u>  |
| Abstentions: | <u>0</u>  |
| Absent:      | <u>3</u>  |

Signed and approved by:

  
Emmy Cattani  
Secretary, Board of Directors

**RESOLUTION**

WHEREAS, the Legislature and Governor of the State of California have provided funds for the IRWMP Program pursuant to the Safe Drinking Water, Water Quality, Flood Control, River and Coastal Protection Bond Act of 2006; and

WHEREAS, California Department of Water Resources has delegated the responsibility for the administration of this grant program, establishing the necessary procedures; and said procedures require a resolution certifying the approval of application(s) by the Applicants' governing board before submission of said application(s) to the State; and

WHEREAS, Sequoia Riverlands Trust seeks Board approval to apply for IRWMP Implementation Grant funds, and to, should the grant be awarded by DWR, act as grantee, on behalf of the project proponents and the SSIRWM region; and

THEREFORE BE IT RESOLVED by the Board of Directors of the Sequoia Riverlands Trust authorizes and directs the Executive Director, or her designees, to file the grant application and, if the grant is awarded, execute a grant agreement with the CA Department of Water Resources.